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Sequence Listing was accepted.

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Reviewer: Anne Corrigan

Timestamp: [year=2008; month=10; day=8; hr=7; min=47; sec=4; ms=479;]

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Application No: 10781564 Version No: 2.0

Input Set:

Output Set:

Started: 2008-09-15 11:21:14.207
Finished: 2008-09-15 11:21:15.182
Elapsed: 0 hr(s) 0 min(s) 0 sec(s) 975 ms
Total Warnings: 1
Total Errors: 0
No. of SeqIDs Defined: 10
Actual SeqID Count: 10

Error code	Error Description
W 213	Artificial or Unknown found in <213> in SEQ ID (10)

SEQUENCE LISTING

<110> Quigley, James P.
 Hooper, John D.
 Testa, Jacqueline E.
 The Scripps Research Institute

<120> Methods for Diagnosing Cancer and Decreasing Metastasis by Cancer Cells

<130> 1361.036US1

<140> 10781564

<141> 2004-02-18

<150> US 60/448,828

<151> 2003-02-19

<160> 10

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 836

<212> PRT

<213> Homo sapiens

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			20					25					30		
Ala	Leu	Pro	Arg	Glu	Ser	Asn	Ile	Thr	Val	Leu	Ile	Lys	Leu	Gly	Thr
		35					40					45			
Pro	Thr	Leu	Leu	Ala	Lys	Pro	Cys	Tyr	Ile	Val	Ile	Ser	Lys	Arg	His
		50				55				60					
Ile	Thr	Met	Leu	Ser	Ile	Lys	Ser	Gly	Glu	Arg	Ile	Val	Phe	Thr	Phe
65				70				75					80		
Ser	Cys	Gln	Ser	Pro	Glu	Asn	His	Phe	Val	Ile	Glu	Ile	Gln	Lys	Asn
			85					90					95		
Ile	Asp	Cys	Met	Ser	Gly	Pro	Cys	Pro	Phe	Gly	Glu	Val	Gln	Leu	Gln
		100					105					110			
Pro	Ser	Thr	Ser	Leu	Leu	Pro	Thr	Leu	Asn	Arg	Thr	Phe	Ile	Trp	Asp
		115				120						125			
Val	Lys	Ala	His	Lys	Ser	Ile	Gly	Leu	Glu	Leu	Gln	Phe	Ser	Ile	Pro
		130				135				140					
Arg	Leu	Arg	Gln	Ile	Gly	Pro	Gly	Glu	Ser	Cys	Pro	Asp	Gly	Val	Thr
145				150				155					160		
His	Ser	Ile	Ser	Gly	Arg	Ile	Asp	Ala	Thr	Val	Val	Arg	Ile	Gly	Thr
			165					170					175		
Phe	Cys	Ser	Asn	Gly	Thr	Val	Ser	Arg	Ile	Lys	Met	Gln	Glu	Gly	Val
		180					185					190			
Lys	Met	Ala	Leu	His	Leu	Pro	Trp	Phe	His	Pro	Arg	Asn	Val	Ser	Gly
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210	215	220
Ser Val Phe Glu Gly	Glu Gly Ser Ala Thr	Leu Met Ser Ala Asn Tyr
225	230	235
Pro Glu Gly Phe Pro	Glu Asp Glu Leu Met Thr Trp	Gln Phe Val Val
245	250	255
Pro Ala His Leu Arg	Ala Ser Val Ser Phe Leu Asn Phe	Asn Leu Ser
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Asn Cys Glu Arg Lys	Glu Glu Arg Val Glu Tyr Tyr	Ile Pro Gly Ser
275	280	285
Thr Thr Asn Pro Glu	Val Phe Lys Leu Glu Asp Lys	Gln Pro Gly Asn
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Met Ala Gly Asn Phe	Asn Leu Ser Leu Gln Gly Cys Asp	Gln Asp Ala
305	310	315
Gln Ser Pro Gly Ile	Leu Arg Leu Gln Phe Gln Val	Leu Val Gln His
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Pro Gln Asn Glu Ser	Asn Lys Ile Tyr Val Val Asp	Leu Ser Asn Glu
340	345	350
Arg Ala Met Ser Leu	Thr Ile Glu Pro Arg Pro Val	Lys Gln Ser Arg
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Lys Phe Val Pro Gly	Cys Phe Val Cys Leu Glu Ser Arg	Thr Cys Ser
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Ser Asn Leu Thr Leu	Thr Ser Gly Ser Lys His Lys	Ile Ser Phe Leu
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Cys Asp Asp Leu Thr	Arg Leu Trp Met Asn Val Glu	Lys Thr Ile Ser
405	410	415
Cys Thr Asp His Arg	Tyr Cys Gln Arg Lys Ser Tyr	Ser Leu Gln Val
420	425	430
Pro Ser Asp Ile Leu	His Leu Pro Val Glu Leu His Asp	Phe Ser Trp
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Lys Leu Leu Val Pro	Lys Asp Arg Leu Ser Leu Val	Leu Val Pro Ala
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Gln Lys Leu Gln Gln	His Thr His Glu Lys Pro Cys Asn	Thr Ser Phe
465	470	475
Ser Tyr Leu Val Ala	Ser Ala Ile Pro Ser Gln Asp	Leu Tyr Phe Gly
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Glu Arg Ser Gly Val	Val Cys Gln Thr Gly Arg Ala	Phe Met Ile Ile
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Gln Glu Gln Arg Thr	Arg Ala Glu Glu Ile Phe Ser	Leu Asp Glu Asp
610	615	620
Val Leu Pro Lys Pro	Ser Phe His His His Ser Phe	Trp Val Asn Ile
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660 665 670
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 675 680 685
 Cys Cys Val Lys Lys Lys Lys Lys Lys Thr Asn Lys Gly Pro Ala Val
 690 695 700
 Gly Ile Tyr Asn Asp Asn Ile Asn Thr Glu Met Pro Arg Gln Pro Lys
 705 710 715 720
 Lys Phe Gln Lys Gly Arg Lys Asp Asn Asp Ser His Val Tyr Ala Val
 725 730 735
 Ile Glu Asp Thr Met Val Tyr Gly His Leu Leu Gln Asp Ser Ser Gly
 740 745 750
 Ser Phe Leu Gln Pro Glu Val Asp Thr Tyr Arg Pro Phe Gln Gly Thr
 755 760 765
 Met Gly Val Cys Pro Pro Ser Pro Pro Thr Ile Cys Ser Arg Ala Pro
 770 775 780
 Thr Ala Lys Leu Ala Thr Glu Glu Pro Pro Pro Arg Ser Pro Pro Glu
 785 790 795 800
 Ser Glu Ser Glu Pro Tyr Thr Phe Ser His Pro Asn Asn Gly Asp Val
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 Glu Pro Ala Glu
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21

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 <223> Xaa = Glycine or Isoleucine

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 <223> Xaa = any amino acid

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Xaa	Gly	Thr	

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1 5 10

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